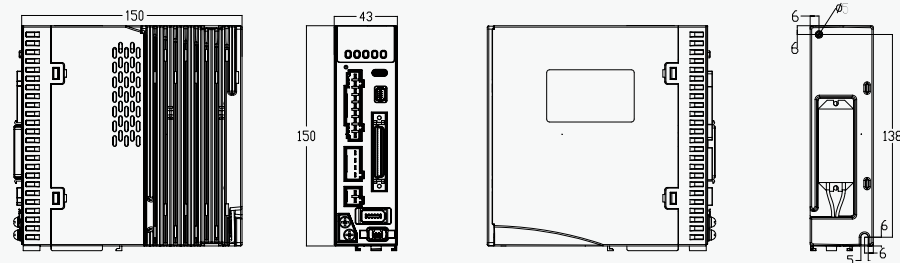


Model Number Structure

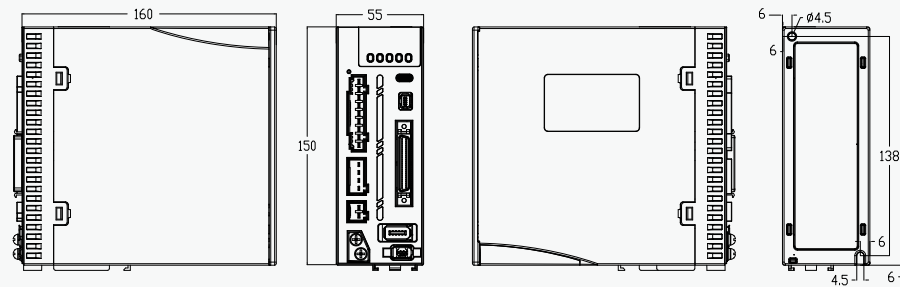
EL8 - EC 030 L

Series Num		Version	
EL8	EL8 series	L	Linear Drive

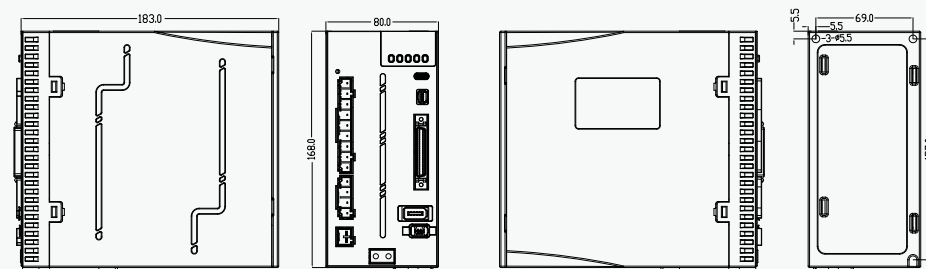
Command Source		Rated Current			
EC	EtherCAT	030	3.0Arms	045	4.5Arms
RS	Modbus RTU/ Pulse+Direction	060	6.0Arms	080	8.0Arms
		130	13.0Arms		



EL8-RS030L / EL8-EC030L (150*150*43mm)



EL8-RS045L / EL8-EC045L (160*150*55mm) EL8-RS060L / EL8-EC060L (160*150*55mm)



EL8-RS080L / EL8-EC080L (183*168*80mm) EL8-RS130L / EL8-EC130L (183*168*80mm)



Stock Code: 002979



Headquarters
China Leadshine Technology Co., Ltd

+86 755 26411692 +86 755 26402718

www.leadshine.com

sales@leadshine.com (Sales)

tech@leadshine.com (Technical Support)

15-20/F, Block B, Nanshan i-Valley, Shuguang Community, Xili Town, Nanshan District, Shenzhen 518055, China

North America Office
Leadshine America, Inc.

1-949-608-7270 1-949-638-7298

www.leadshineusa.com

sales@leadshineusa.com (Sales)

support@leadshineusa.com (Technical Support)

26050 Towne Centre Dr. Foothill Ranch, CA 92610 USA



D250211

EL8-L Series

High End AC Servo Drives

Product Introduction

EL8-L Series

EL8-L Series AC Servo Drives are our latest high end servo drives which now supports linear motors. This series of servo drive comes with EtherCAT control and another version which combines analogue control, Modbus RTU protocol (RS485) and pulse + direction control into one. We added STO SIL3, analogue I/Os, holding brake port and EL8 series now supports a 2nd external encoder for optical/magnetic scale feedback of a linear motor.



Applications



Machine tools



Electronics



Renewable energy

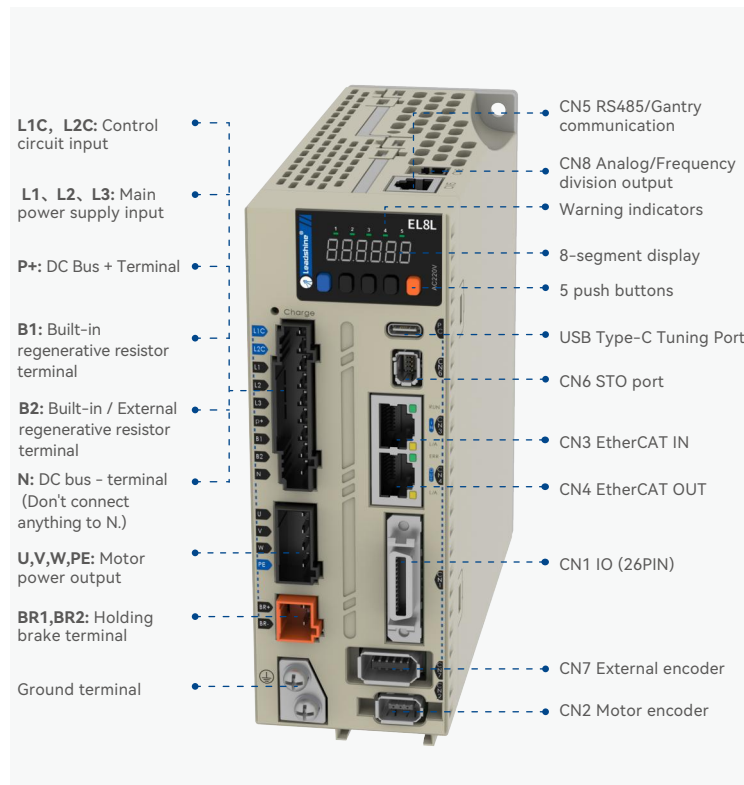


Fiber laser



Semiconductor

Ports & Connectors



Specifications

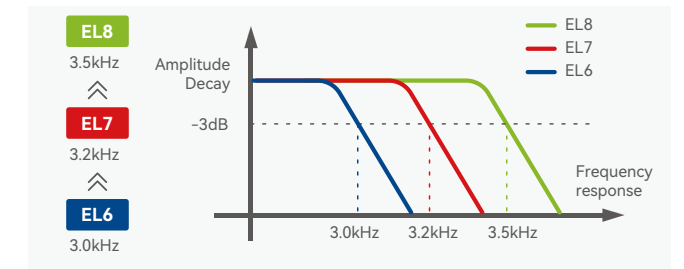
1-Phase/3-Phase 200-240VAC, 50/60Hz

Drive Models	Rated Current (Arms)	Peak Current (Arms)	Dimension (L*H*W mm)
EL8-RS030L	3.0	9.3	150*150*43
EL8-EC030L			
EL8-RS045L	4.5	18.5	160*150*55
EL8-EC045L			
EL8-RS060L	6.0	21.0	160*150*55
EL8-EC060L			
EL8-RS080L	8.0	28.0	183*168*80
EL8-EC080L			
EL8-RS130L	13.0	36.0	183*168*80
EL8-EC130L			

Servo Drive Features

Quick Frequency Response

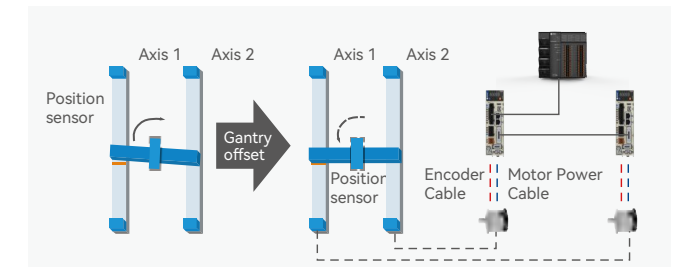
Frequency response of 3.5kHz, quicker system response and better precision.



Gantry Synchronization

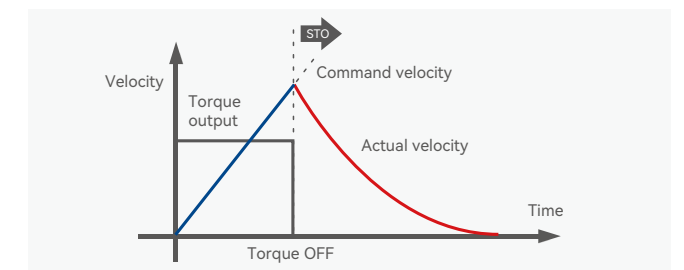
Gantry synchronization MIMO technique, breaking through foreign technological barrier.

EL8 series servo drive is able to realize axis synchronization and alignment automatically without input from master device.



Safe Torque Off (SIL3)

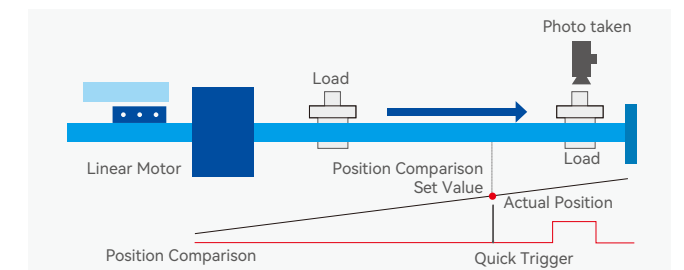
When Safe Torque Off is activated, internal circuit will cut off motor power supply immediately, guaranteeing operator and machine safety.



Position Comparison

Up to 42 points of position comparison.

Drive with analogue input up to 16 bit data for more precise sampling.



Matching Motor Types

- Linear
- Direct Drive
- Voice Coil

* Encoder with BissC/Tamagawa/ABZ are supported

